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CENTRAL FAX CENTER
SEP 10 2008

Listing of the Claims

1. (currently amended) An image projection system comprising:
 - a light valve comprising a pixel matrix array disposed in rows and columns on a substrate forming an active matrix,
 - an illumination system for moving bands of different colored light over the light valve, perpendicularly to said rows,
 - means for identifying the illumination color of each row of pixels of the light valve,
 - means of managing video data of said images for controlling the writing of said pixels of the light valve,
 - means of synchronizing the video data sent to each row of pixels of the light valve according to the illumination color of said row identified by said identification means, wherein the identification means comprises at least one photosensitive sensor level with each row of said pixels of the light valve, each sensor of a row being designed to identify directly the illumination color of that row and to measure the illumination intensity of that row, and
wherein the measurement of the illumination intensity is used in the means of managing video data to adjust the video data and the colors of said images for controlling the writing of said pixels.
2. (cancelled)
3. (cancelled)
4. (previously presented) The image projection system as claimed in claim 1, wherein the or each photosensitive sensor of the light valve is incorporated in said substrate.
5. (cancelled)

6. (previously presented) The image projection system as claimed in claim 1, wherein the or each photosensitive sensor is associated with a colored filter.
7. (cancelled)
8. (cancelled)